

## Recombinant Human PDIA3 Protein

Catalog #	Source	Reactivity	Applications
CRP2080	Human cells	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human PDIA3 Protein is produced by our mammalian expression system and the target gene encoding Ser25-Leu505 is expressed with a 6His tag at the C-terminus.
<b>Form</b>	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 7.5.
<b>Gene Symbol</b>	PDIA3
<b>Alternative Names</b>	ERP57; ERP60; GRP58; Protein disulfide-isomerase A3; 58 kDa glucose-regulated protein; 58 kDa microsomal protein; p58; Disulfide isomerase ER-60; Endoplasmic reticulum resident protein 57; ER protein 57; ERp57; Endoplasmic reticulum resident protein 60; E
<b>Entrez Gene</b>	2923 (Human)
<b>SwissProt</b>	P30101 (Human)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Chemical Structure</b>	SDVLELTDND FESRISDTGS AGLMLVEFFA PWCGHCKRLA PEYEEAATRL KGIVPLAKVD CTANTNTCNK YGVSGYPTLK IFRDGEEAGA YDGPRTADGI VSHLKKQAGP ASVPLRTEEE FKKFISDKDA SIVGFFDDSF SEAHSEFLKA ASNLRDNYRF AHTNVESLVN EYDDNGEGII LFRPSHLTNK FEDKTVAYTE QKMTSGKIKK FIQENIFGIC PHMTEDNKDL IQGKDLLIAY YDVDYEKNAK GSNYWRNRVM MVAKKFLDAG HKLNFAVASR KTFSHELSDF GLESTAGEIP VVAIRTAKGE KFVMQEEFSR DGKALERFLQ DYFDGNLKYR LKSEPIPESN DGPVKVVVAE NFDEIVNNEN KDLIEFYAP WCGHCKNLEP KYKELGEKLS KDPNIVIAKM DATANDVPSP YEVRGFPTIY FSPANKKLNK KKYEGGRELS DFISYLQREA TNPPVIQEEK PKKKKKAQED

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

LVDHHHHHH

**Quality Control**

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

**Directions for Use**

Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Storage/Stability**

Store it at -20°C to -80°C for one year.

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